



MARSHALL STAR

Serving the Marshall Space Flight Center Community

Dec. 6, 2001

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Marshall receives ISO 9001:2000 recommendation

by Axel Roth

Marshall Associate Director for Policy and Review

Congratulations to the entire Marshall team. National Quality Assurance, (NQA) has recommended the Marshall Center for registration to the ISO 9001:2000 revision. This recommendation includes the whole Center to "Full Scope."

To date, we are one of two NASA Centers that have achieved this accomplishment. All NASA Centers and locations must be registered by December 2003. Obtaining this recommendation in the time that we have achieved it is truly an accomplishment for the Marshall team to be proud of.

The finding totals for the Registration Audit for ISO9001:2000 were as follows:

- Major Non-Conformances - 0
- Minor Non-Conformances - 2
- Observations - 0

See *ISO* on page 3



Photo by Doug Stoffer, NASA/Marshall Space Flight Center

'Tis the season for patriotism

The holiday tree in the lobby of Bldg. 4200 takes on a patriotic theme this year to honor the victims of the Sept. 11 terrorist attacks and the heroes of the subsequent recovery and cleanup. The tree also is a tribute to America's armed forces and their efforts to fight terrorism in Afghanistan.



Photo by Emmett Given, NASA/Marshall Space Flight Center

For a good cause

Paul Munafo, manager of the Engineering Directorate's Materials Processes and Manufacturing Department, makes good on his challenge to his employees Friday. He pledged that if any group had 95 percent participation in the Combined Federal Campaign, he would wash an employee's car. Two of his groups met that challenge: Non-Destructive Evaluation and Tribology Group and Special Test Equipment Design Group. As a result, Munafo washed cars belonging to James Walker II and Deborah Ledbetter, as well as provided pizza for the two groups. Names of employees whose cars were washed were drawn from a hat.

Marshall donates millions

Excess equipment given to government agencies

The Marshall Center last fiscal year donated more than \$18 million worth of excess equipment to different local, state and federal agencies.

"Most of these items would have otherwise ended up in a sales lot," said Brian Caden, Marshall's property disposal officer. The Marshall Center used a variety of state and federal laws to donate 3,039 items with a total acquisition value of \$18,692,144.

Personal computers — making up the majority of items at 2,597 — were given to local schools under the authority of the Stevenson-Wydler Act. This act mandates that local schools be given the opportunity to reuse "old" computers that a government agency is trying to dispose of. State agencies picked up 227 items and the remaining 215 items were transferred to other federal agencies.

One additional item — the old G1, NASA3, aircraft — was sold through the exchange sale process to the U.S. Coast Guard.

For more information on how your government agency or a local school can review items that are in the process of disposal, call Greg Tate at 544-1774.

Digging permit required at Marshall Center

Within the Marshall Center boundaries, a digging permit is required whenever the ground is to be penetrated 6 inches or more.

Additionally, because the potential exists for unexploded ordnance to be present in some locations, all areas south of Fowler Road and the area extending from approximately 100 feet north of Digney Road to Titan Street (including Bldgs. 4471 and 4481) require clearance before digging.

Digging activities in certain areas are not permitted 48 hours prior to Shuttle launch and until 48 hours after Shuttle landing. These areas are identified on a site map in Room 40-5, Bldg. 4250. Launch information may be obtained from the Web at:

<http://www.ksc.nasa.gov/shuttle/countdown/>

No trenchers may be used at the Marshall Center without approval from Marshall's Facilities Engineering Department. No tie-ins or connections may be performed on natural gas lines or propane lines located within 500 feet of a building occupied between 7 a.m. and 4:30 p.m.

For more information, call Mark Hyder in the Facilities Engineering Department at 544-8821.

Genesis spacecraft begins mission to collect Sun samples

NASA news release

NASA's Genesis mission officially opened for business Monday, as it extended its special collector arrays to catch atoms from the solar wind. The atoms it collects, believed to have been part of the solar nebula "cloud" from which our solar system developed, will help scientists gain a better understanding of the conditions in the distant past before the Earth and other planets formed.

Genesis, managed by the Jet Propulsion Laboratory in Pasadena, Calif., is the agency's first sample return mission since the last Apollo mission in 1972, and the first ever to return material collected beyond the Moon.

Genesis orbits a point in space, about 1 million miles from Earth in the direction of the Sun, where the gravities of Earth and the Sun balance. The spacecraft first opened its outer shell, then last Friday opened its inner science canister to reveal collector arrays. On Monday, these arrays fanned out like petals to catch heavier atoms of the solar wind.

This treasured smidgen of the Sun will be preserved in a special laboratory at Johnson Space Center in Houston, for study by scientists over the next century. It will help them answer fundamental questions about the exact composition of our star and the birth of our solar system.

Sample collection will conclude in April 2004, when the spacecraft begins its return to Earth. In September of that year, the samples will arrive on Earth in a dramatic helicopter capture. As the sample-return capsule parachutes toward the ground at the Utah Testing and Training Range of the U.S. Air Force, specially trained helicopter pilots will catch the capsule in mid-air to prevent the delicate samples from being disturbed by the impact of a landing.

The Jet Propulsion Laboratory manages the mission for NASA's Office of Space Science, Washington. Lockheed Martin Astronautics, Denver, designed and built the spacecraft and will operate it jointly with the Laboratory. Major portions of the payload design and fabrication were carried out at the Los Alamos National Laboratory and at Johnson Space Center.

Additional information is available on the Internet at:
<http://genesismission.jpl.nasa.gov>

ISO

Continued from page 1

Carryovers (from the last surveillances) - 1 (observation)

I would like to commend and thank each Marshall employee who supported this highly successful effort that contributed to the Marshall Center obtaining certification to ISO 9001:2000 and "Full Scope." Everyone did an outstanding job in the

preparation for the audit and those who were interviewed are to be commended.

As you know, to maintain our certification we will undergo a surveillance audit every six months. We are now on a May and November schedule for all future surveillances.

As identified in the results of last week's audit, we know we are in our infancy stages

★ ★ ★
Marshall Stars
★ ★ ★

Hoover elected to science society board of directors

Dr. Richard Hoover of the Science Directorate's Space Science Department has been elected to the Board of Directors of the Council of Scientific Society Presidents, based in Washington, D.C.

"I was deeply honored to be chosen to serve as one of the four elected members of the board of directors of The



Hoover

Council of Scientific Society Presidents (CSSP)," explained Hoover. "I look forward to helping formulate policy with the objective of increasing public awareness and knowledge of our nation's scientific institutions and research."

The Council of Scientific Society Presidents is an organization comprised of the presidents, presidents-elect and immediate past presidents of

more than 60 scientific societies and federations, whose combined membership numbers well over 1 million scientists and science educators. The council serves to support science and science education, as a forum on current scientific issues and to develop ways to enhance the public understanding and appreciation of science.

Hoover will serve on the board of directors in 2002.

Marshall Center employees featured in "Marshall Stars" have made significant contributions to NASA and the Marshall Center by taking significant strides in leadership and dedication to their professional and/or educational development. Marshall Center employees may nominate themselves or another employee. Submit your nominations for consideration to Debra Valine, CD40, or call 544-3749.

with the new ISO 9001:2000 requirements. There are still opportunities for improvement as related to Customer Satisfaction and Continual Improvement and understanding our Quality Objectives.

I look forward to working with our Marshall team to ensure we improve the Marshall Management System and maintain our ISO certification.

Raising llamas an unusual sideline for Marshall contractor

by Debra Valine

Many Marshall employees and contractors sport "I Work Safe Because ..." badges right along with their official Marshall badges and other items like ISO 9000 and safety information.

Most of those safety badges feature photos of the employees' children. But Dena Thurmond, a Marshall contractor with Pace & Waite, has a picture of a llama on hers. She and her husband, Don, raise llamas on their 5-acre farm in Boaz.

Thurmond, who works as the success story coordinator in Marshall's Technology Transfer Department, has spent the past nine months researching successes achieved through commercialization of NASA technology, for metrics reporting.

But when she goes home, her first priority is to feed her 13 llamas. Her husband takes the morning feeding shift and she handles the evening shift.

"My husband had always wanted a llama," Thurmond said. "We used to live in a very small house with a small yard. He would come home from work and say, 'I want a llama.'"

So, in 1993, when they started

building their home on the farm in Boaz, they bought the first four llamas they saw. "It's a business that fits our lifestyle."

There are very few llama owners in Alabama, so business is good for the Thurmonds.

"Llamas are considered a luxury item, not a necessity," Thurmond said. "There are lots of ways to market llamas and llama products.

Llamas — members of the camelid family — can be used to carry backpacks and other outdoor gear as long as the load does not weigh more than one-third the animal's weight. They can be shown on the show circuit in the Southeast; there are nine shows a year. Llama wool is similar to sheep's wool. Each year we shear the llama and spin the wool and weave it into products. We sell both the raw wool and



"Aunt" Consuela kisses the newest member of the family, a baby female born at Don-De' Llama Farm in late November.

the products. Llama dung also makes the perfect fertilizer."

Llamas also can be used as guard animals for more traditional herds such as sheep or goats. "In our area there is a problem with coyotes and some domestic dogs," Thurmond said. "Llamas will bond with the herds and protect the animals."

Raising llamas is not as far-fetched as it may sound. They make excellent pets because of their gentle natures and can even be house-trained.

The Thurmonds — in addition to participating in the show circuit and raising llamas and llama products to sell — take their llamas to churches and schools for a variety of functions.

But llamas don't come cheap. Prices start at \$700 for a male and \$2,000 for a female and go up from there. Price is based on confirmation, pedigree and wool quality. Llamas are registered at birth just like pedigreed horses. They grow from an average of 20 pounds at birth to 250-350 pounds as adults. And they come in a wide range of colors: gray, brown, black, paint — brown and white or black and white, and spotted like an appaloosa horse.



Photos by Debra Valine, NASA/Marshall Space Flight Center

Don and Dena Thurmond raise llamas on their 5-acre farm in Boaz. Jimmy Buffet, one of their male llamas, is in the center.

See Llamas on page 5

Llamas

Continued from page 4

They are browsers and eat vegetation and hay. One acre of land will support three llamas.

Llamas were indigenous to North America at one time. During the Ice Age, they were pushed into South America, and were trapped there. In the 1920s, llamas were reintroduced to North America as imports for zoos and as novelties for estates of wealthy people.

"Most people only know llamas from zoos, and particularly in the petting zoos, they can become defensive," Thurmond said. When llamas become defensive, they spit.

"They will spit at other llamas within the herd if one of the other animals is encroaching on a food source or another llama's territory," Thurmond said. "They do not normally spit at humans unless they have really been provoked. If they do spit, it washes off."

For more information about llamas, visit the Web at: www.ssla.org

The writer, employed by ASRI, is the Marshall Star editor.



Mamma Dutchess and her new baby, Barbarella, spend a quiet moment together.

Obituaries

Woodham, Robert T., 68, of Huntsville, died Sept. 15. He retired from Marshall in 1990 where he worked as a contract specialist.

Sims, Melvin C., 88, of Athens, Ala., died Nov. 7. He retired from Marshall in 1976 where he worked as an aerospace engineering technician. He is survived by his wife, Agnes B. Sims.

Old, Dodge H., 84, of Fayetteville, Tenn., died Nov. 11. He retired from Marshall in 1978 where he worked as a safety specialist. He is survived by his wife, Lurlean Old.

Warren, Buford E., 83, of New Hope, Ala., died Nov. 12. He retired from Marshall in 1975 where he worked as an aerospace engineering technician. He is survived by his wife, Edna Cobb Warren.

Ridgeway, Gerald D., 76, of Huntsville, died Nov. 14. He retired from Marshall in 1977 where he worked as a procurement analyst. He is survived by his wife, Wonda Moore Ridgeway.

Thomas, Leslie J., 73, of Huntsville, died Nov. 16. He retired from Marshall in 1987 where he worked as an engineer. He is survived by his wife, Miriam Jones Thomas.

Jobe, Thomas B., 80, of Taft, Tenn., died Nov. 17. He retired from Marshall in 1977 where he worked as an aerospace engineering technician. He is survived by his wife, Ellen McLemore Jobe.

Schorsten, Edward S., 79, of Madison, died Nov. 19. He retired from Marshall in 1984 where he worked as a public affairs specialist. He is survived by one son, Daniel E. Schorsten, of Hendersonville, Tenn., and one daughter, Sherry Visone, of Harvest.

Harley, Michael, of Huntsville, died Nov. 27 while on temporary duty in Denver. Harley worked for QTEC Inc. as a senior specialist on the 2nd Generation Resuable Launch Vehicle Program as a planner/scheduler working with the Integrated Contract for Lockheed Martin and Integrated Contract for Northrop Grumman in Bldg. 4203. He is survived by his wife, Janella D. Butner, one daughter and one son.

Energy tip

Passive solar heating and cooling helps cut energy costs

Passive solar heating and cooling design allows the sun's rays to heat in the winter months while blockage helps to cool in the summer months. Passive solar design can be both environmentally friendly and cost effective.

Heating design techniques:

- Include placing larger, insulated windows on south-facing walls.
- Locate thermal mass, such as concrete slab floor or a heat-absorbing wall, close to the windows.

In some cases, you can cut your heating costs by more than 50 percent compared to the cost of heating the same house that does not include passive solar design.

Cooling design techniques:

- Include overhangs.
- Include windows with reflective coatings.
- Include reflective coatings on exterior walls and the roof.

A passive solar house also requires careful design and site orientation, which depend on the local climate. If you are considering passive solar design for new construction or a major remodeling, consult an architect or engineer familiar with passive solar techniques.

For more information on passive solar design or other ways to save energy at home, visit the Web at:

http://www.eren.doe.gov/energy_savers/.

If you have an energy tip that you would like to share with the "Marshall Star" readers, send it to:

cedreck.davis@msfc.nasa.gov or juergen.haukohl@msfc.nasa.gov

Thursday is last day to reserve reduced Disney Hotel package

Thursday is the last day to make a deposit toward a discount hotel package Executive Tour and Travel Services Inc. is offering to NASA Marshall employees, retirees, families and friends.

The package includes a four-day/three-night Disney/Epcot Area Hotel package for two adults and two children up to 12 years for \$139 (room tax not included).

To take advantage of this exclusive offer, a deposit of \$65 plus \$5 for shipping and handling must be made by Thursday. Although a 60-day advanced notice is required, travel dates are good through December 2002.

For more information, call Executive Tour and Travel Services Inc. at (800) 272-4707, Monday-Friday 8 a.m.-7 p.m. CST, or Saturday 8-11 a.m. CST. The NASA Exchange account reference is BG-11583-010. Flyers are available at the NASA Exchange Space Shop in Bldg. 4203.

Fire safety tips for holiday decorations at Marshall

As the holiday season approaches, remember to follow requirements listed in the Center's "Fire Safety Program" (MWI 8715.11).

- Artificial Christmas trees must bear the Underwriters Laboratories' (UL) label as evidence of being "flame-retardant."

- Natural Christmas trees are not allowed inside buildings at the Marshall Center.

- All holiday electrical decorations must bear the UL label for intended use. The label must be the holographic type indicating the decorative lighting meets the more recent UL Standards. These labels have a silver base with multi-colored shapes and the UL mark "appears to float" in a 3-D background.

- All Christmas interior electrical decorations must be disconnected from the electrical outlet at the end of the workday.

- Lights are not permitted on metal Christmas trees; indirect lighting that shines on the tree from another location is allowed.

Note: The use of candles is discouraged and will only be approved for special events that are supervised. A permit is required from the Industrial Safety Department.

Marshall's cafeterias have special holiday hours

Marshall's cafeterias in Bldgs. 4203, 4471 and 4610 will operate on holiday schedules during the weeks of Christmas and New Year's. Schedules are as follows:

• **Bldg. 4203**

Christmas:

Specialty Bar closed Dec. 17-Jan. 6

Cafeteria closed Dec. 24-25

Limited service Dec. 26 — grill, main event, pre-made salads

New Year's:

Cafeteria closed Dec. 31 and Jan. 1

Reopen with limited service Jan. 2-4

• **Bldg. 4471**

Christmas:

Cafeteria closed Dec. 24-25

• **Bldg. 4610**

Cafeteria closed Dec. 24-Jan. 6

Center Announcements

AMPET conference

The 5th Conference on Aerospace Materials, Processes and Environmental Technology (AMPET) will be Sept. 16-18 in Huntsville. Marshall's Materials, Processes and Manufacturing Department hosts the event. The department is seeking technical presenters through a call for papers. The technical abstracts are due by Jan. 15, 2002. For more information about the conference, visit the Web at:

<http://ampet.msfc.nasa.gov>

Flu shots and blood donations

The American Red Cross has forwarded the following information to the Center: "In accordance with the Red Cross' Blood Service Directives, there is no reason that this year's strain of the influenza vaccination should be a reason to defer donors from donating blood." In the past, the Red Cross policy has been that a false-positive for HIV, attributable to a donor having received the flu vaccine, still resulted in that donor being barred from giving blood in the future. Most donors waited 2-3 months from the time of receiving the vaccine until they donated blood, even though the incidence of a false-positive was slight. Based on this current information from the Red Cross, it is now okay to give blood after receiving a flu shot; so, each individual should proceed as you normally would concerning your potential donation of blood.

Clubs and Meetings

AIAA meets

Robert V. Garvin, a retiree from General Electric, will speak on the history of GE aircraft engines and the modern aircraft engine industry at the monthly meeting of the local chapter of the American Institute of Aeronautics and Astronautics (AIAA) at 6:30 p.m. Dec. 13 at the Radisson Suite Hotel on Memorial Parkway. At GE, Garvin was vice-president and general manager of the Aircraft Engine Overseas Operation and

president of GE Aircraft Engines – China. Regular admission is \$22; and student admission is \$12. Reservations should be made by noon Dec. 10 via e-mail with Arloe Mayne at: ArloeWJr@cs.com (preferred), or by telephone at 881-7124.

Facilities Office breakfast

Facilities Office retirees will meet for breakfast at 8 a.m. Dec. 11 at the Shoney's on University Drive and Memorial Parkway. For more information, call Carl Gates at 232-2950.

Miscellaneous

Huntsville Flight tickets

Ticket vouchers for Huntsville Flight basketball tickets are available at the Redstone Arsenal Recreation Center Ticket Office in Bldg. 3711. Vouchers — at \$9 each — are for Upper Bowl B seats and may be used for any game. This is a savings of \$2 off the regular ticket price. Vouchers must be exchanged for tickets at the Von Braun Center box office and may be upgraded. The Recreation Center Ticket Office is open Wednesday-Friday from 1:30-8 p.m. and Saturday and Sunday from 10 a.m.-4 p.m. Stop by the Recreation Center to purchase vouchers and pick up a Huntsville Flight season schedule. For more information, call 876-4531 during operating hours.

Symphony tickets

Tickets to the Huntsville Symphony's New Year's Eve Concert are available at a 20 percent discount to NASA's employees, retirees and contractors, and their families. To order, call the Huntsville Symphony at 539-4818 or bring your badge to the box office on New Year's Eve. The concert — honoring 50 years of space exploration — starts at 7:30 p.m. Regular ticket prices range from \$24-\$37, and student tickets are \$10.

Christmas concert

The Ninth Annual Madison Community Christmas Concert will be held at

7 p.m. Friday at the Bob Jones High School Auditorium in Madison. Tickets — only available at the door — are \$3 for adults, \$1 for children over 7, and children under 7 are free. The maximum cost for a family is \$10. The Madison Community Band is a non-profit, all-volunteer organization uniting individuals of different ages and backgrounds for a common passion: musical performance.

More information on the band can be found on the Web at:

<http://dc-vc.net/mcb/>

NASA Exchange

Annual nut sale

The NASA Exchange annual nut sale continues from 8 a.m. -4 p.m., Monday-Friday (excluding holidays) in Bldg. 4203 Space Shop. For more information, call 544-7565.

Book fair

The NASA Exchange is holding a book fair from 8 a.m.-4 p.m. through Friday in the Bldg. 4203 lobby.

**SPECIAL OFFER for all
MSFC, Redstone & Contractor personnel
(Must show valid ID badge at time of purchase)**

Happy Holidays

30% OFF*
at Gift Shop
now through Dec 23

**Gift Shop Open Daily 9 am-5 pm
(Museum admittance not required.)**

**Cool gift ideas! • Rockets & Engines • Space Food
Flight Suits • Alien Stuff • NASA logo items
Shop Online @ www.spacecamp.com**

*Certain restrictions apply.
For more information, please
call (256) 837-3400, Ext 704



Employee Ads

Miscellaneous

- ★ Set of four glasses with pharmacy (Rx) decoration, \$4. 882-1097
- ★ Oak dining table with leaf and four chairs, \$250. (256) 498-5820
- ★ Pentium II PC, 200 Mhz, 64mb RAM, 3 Gb hard drive, \$175, with 17" monitor \$250. 882-1779
- ★ Singer Touch & Sew Deluxe zig-zag sewing machine, \$50; two antique peddle sewing machines, oak cabinets, \$150 ea. 830-4477
- ★ Walnut console piano, \$1,300; pecan French Provincial coffee & end tables, \$150 for all. (256) 379-2581
- ★ Hickory Chair Company, Mount Vernon Series tea table, formal, \$750 firm. 882-1097
- ★ Learn Japanese software, \$30; Infrared massager, \$10; Greatest Story video, \$10; Norton anti-virus 2001, \$20. 722-9483
- ★ Bowflex exercise machine, \$550. (256) 739-6840
- ★ Sea Eagle inflatable boat, 15', w/4HP Evinrude motor; double pedestal wood desk; self-propelled lawnmower. (256) 461-4254
- ★ Amana central heat/air conditioner, 3-1/2 ton, 5HP; MTV rear tine tiller; Uniden satellite disk receiver. (256) 586-7424
- ★ Ferrett, female, 1 year old, cage, \$150. 430-0380
- ★ Pressure washer, gasoline engine, \$125; Braided rug, 12'x15', \$100; police scanner, 200 channel, \$100. 852-6952
- ★ Harley-Davidson ladies winter overalls, gloves, helmet, chaps, leather jacket; men's chaps, Shoei helmet; sizes vary. (256) 464-5008
- ★ Golf clubs, two sets w/bags and pull carts, (BossII Arnold Palmer or Wilson Staff), \$125 each. 232-4465
- ★ Pickup truck bed-liner w/tail gate protector for full size truck, \$75. (256) 582-3422

- ★ 1992 Suzuki motorcycle, GSF-400N Bandit, red, 14K miles, \$2,200. 859-0729
- ★ Antique school desk, \$25. 534-7981
- ★ Fence, 200', pressure treated wood, 8' sections with posts, Gothic-top, 48" high, two gates, \$200. 880-3263
- ★ SunMaster tanning bed, 18 bulb, \$1,000; sectional sofa, 3-piece, w/2 recliners, connecting table, built-in phone, vibrators, \$700. 603-1979
- ★ Bunk bed, metal, red, with top mattress, \$35. 837-1405
- ★ Antique 12-gauge double-barrel hammer damascus steel shotgun, walnut stock, Est. Mfg. 1870-1890, sell or trade for good working model. 883-2757
- ★ Pentium Computer 200 Mhz, 32Mb RAM, 2Gb hard drive, system box only, \$175; with 17" color monitor, \$250. 882-1779
- ★ Computer monitor, 17", \$80. 489-0136
- ★ Boppy baby pillow, \$10; baby scales, \$10; bassinet w/sheets and pad, \$40; Graco stroller, \$40. 533-0665

Vehicles

- ★ 1992 Plymouth Voyager SE, 3.3L, V-6, ABS, luggage rack, two child seats, 126K miles, \$2,200. 881-5522
- ★ 1995 Buick Park Avenue, 4S, leather, black, 86K miles, original owner, \$7,500. (256) 852-7206
- ★ 1993 GEO Storm, red, 5-speed, well maintained, 129K miles, \$3,000 obo. 837-8374
- ★ 1987 Fiero GT, 6-cyl., auto, air, rebuilt engine, new tires/wheels, \$3,800. 461-0903
- ★ 1988 Toyota Celica, 5-speed, 232K miles, \$975. 881-5684
- ★ 1987 Trans AM, new tires, rims, shocks, brakes, paint, \$2,700. 536-2433
- ★ 1992 Ford Explorer XLT, 151K miles, 4WD, air, power, one-owner, records, \$5,200. 536-5420
- ★ 2000 Toyota Tacoma SR5, 4WD, 6 cyl., ext. cab, CD player, 18K miles, \$20,000. 859-2633

- ★ 1994 GMC Sonoma, ext. cab, SLE pkg., 4.3 CPI, auto, low miles. 683-8184
- ★ 1997 Honda Accord EX, white w/tan interior, 4-door, gold pack, chrome wheels, 70K miles, \$15,000 obo. (256) 851-8845
- ★ 1988 Mercury Grand Marquis LS, 96K miles, garaged, non-smoker, trailer hitch, \$3,500 obo. 882-0518
- ★ 1991 Toyota Celica ST, 5-speed, a/c, stereo, maroon, gray cloth, 145K miles, well-maintained, \$3,300. 880-9025
- ★ 1999 Honda Accord LX, 2-door, V-6, auto, 39K miles, \$15,500 obo. (256) 536-3390
- ★ 1996 Ford Explorer XLT, 110K miles, V-8, auto, 2WD, 4-door, tilt, cruise, PL/PW, \$8,500. (256) 828-0618
- ★ 1989 Mercury Grand Marquis LS, V-8, white w/maroon vinyl roof, 58K miles, \$3,700. 881-0791
- ★ 1993 Dodge Grand Caravan SE, one-owner, service records available, \$3,995. 895-9520
- ★ 1999 Honda Civic LX sedan, silver, pw/pdls, cruise, automatic, new tires, 47K miles, \$10,900. 230-6846
- ★ 1989 Ford F150, 4x4, 5-speed/OD, a/c, new tires, \$3,900. 461-8541/603-7067

Wanted

- ★ Honda Accord or Civic, 95-97, good condition with less than 70K miles. 883-2757
- ★ Old Direct TV receiver & H-card. 837-1551
- ★ Used double stroller for Christmas charity in good condition. 883-6455/520-6455
- ★ Child's swing set with metal slide, no plastics. 423-2639

Free

- ★ Indoor black female cat, about 4 months old, first shots. (256) 880-9400

Lost

- ★ Black driving glove. 544-8516

MARSHALL STAR

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